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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))

Attorney Docket No. 19111.0012  
First Inventor or Application Identifier Mark HORNICK  
Title DATA MINING APPLICATION PROGRAMMING INTERFACE  
Express Mail Label No.

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning design patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 33]  
(preferred arrangement set forth below)
  - Descriptive title of the Invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C.113) [Total Sheets 7]
5. Oath or Declaration [Total Pages 3]
  - a. ☒ Newly executed (original or copy)
  - b. ☐ Copy from a prior application (37 CFR 1.63 (d))  
(for a continuation/divisional with Box 17 completed)
  - i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s)  
named in the prior application, see 37 CFR  
1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

## ADDRESS TO

Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

7. ☐ CD-ROM or CD-R in duplicate, large table or  
Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
  - a. ☐ Computer Readable Form (CRF)
  - b. Specification Sequence Listing on:
    - i. ☐ CD-ROM or CD-R (2 copies); or
    - ii. ☐ paper
  - c. ☐ Statements verifying identity of above copies

## ACCOMPANYING APPLICATIONS PARTS

9. ☒ Assignment Papers (cover sheet & document(s))
10. ☐ 37 C.F.R. § 3.73(b) Statement of Power of Attorney  
(when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☒ Other: Request and Certification Under 35 U.S.C.  
122(b)(2)(B)(i)

17. If a **CONTINUING APPLICATION**, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

of prior application No: \_\_\_\_\_ /

Prior application information: Examiner \_\_\_\_\_

Group / Art Unit:

For **CONTINUATION** or **DIVISIONAL APPS** only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 17. CORRESPONDENCE ADDRESS

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| Signature         | <i>Michael A. Schwartz</i> | Date                              | July 27, 2001 |

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|   |  |                          |               |
|---|--|--------------------------|---------------|
| <h1 style="margin: 0;">FEE TRANSMITTAL</h1> <h2 style="margin: 0;">for FY 2001</h2> <p style="margin: 5px 0 0 20px;"><i>Patent fees are subject to annual revision.</i></p> |  | <b>Complete if Known</b> |               |
|   |  | Application Number       |               |
|   |  | Filing Date              | July 27, 2001 |
|   |  | First Named Inventor     | Mark HORNICK  |
|   |  | Examiner Name            |               |
|   |  | Group / Art Unit         |               |
| TOTAL AMOUNT OF PAYMENT   |  | (\$)                     | 1326          |
|   |  | Attorney Docket No.      | 19111.0012    |

| METHOD OF PAYMENT (check one)   | FEE CALCULATION (continued)  |                       |                       |  |                       |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |                     |     |        |     |        |   |              |              |           |          |    |  |    |     |                       |          |     |   |                    |     |     |     |                |  |                |                       |                 |          |     |   |     |     |                        |     |     |  |     |     |                                   |     |     |                  |     |     |                                       |     |     |  |     |     |  |     |     |                          |     |     |  |     |                     |   |  |     |     |                 |  |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |     |     |     |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |  |                                   |  |  |  |  |  |
|---|--|-----------------------|-----------------------|--|-----------------------|-----------------|----------|-----|-----|-----|--------------------|-------------------------------------|-----|-----|-----|-----|-------------------|---|-----|-----|-----|-----|------------------|---------------------------|-----|-----|-------|-----|--------------------|--|-----|-----|------|-----|------------------------|--|---------------------|-----|--------|-----|--------|---|--------------|--------------|-----------|----------|----|--|----|-----|-----------------------|----------|-----|---|--------------------|-----|-----|-----|----------------|--|----------------|-----------------------|-----------------|----------|-----|---|-----|-----|------------------------|-----|-----|--|-----|-----|-----------------------------------|-----|-----|------------------|-----|-----|---------------------------------------|-----|-----|--|-----|-----|--|-----|-----|--------------------------|-----|-----|--|-----|---------------------|---|--|-----|-----|-----------------|--|----------------------------------|--|-----|-------|-----|-----|------------------------------------|--|-----|-------|-----|-----|--------------------------------|--|-----|-----|-----|-----|------------------|--|-----|-----|-----|-----|-----------------|--|-----|-----|-----|-----|-------------------------------|--|-----|-----|-----|-----|---|--|-----|-----|-----|-----|---|--|-----|----|-----|----|--|----|-----|-----|-----|-----|---|--|-----|-----|-----|-----|--|--|-----|-----|-----|-----|---|--|-----|-----|-----|-----|---|--|---------------------|--|--|--|--|--|-----------------------------------|--|--|--|--|--|
| <p>1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:</p> <p>Deposit Account Number: 195127, Order # 19111.0012</p> <p>Deposit Account Name: Swidler Berlin Shereff Friedman, LLP</p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17</p> <p><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27</p> <p>2. <input type="checkbox"/> Payment Enclosed:</p> <p style="margin-left: 20px;"> <input type="checkbox"/> Check                <input type="checkbox"/> Credit card                <input type="checkbox"/> Money Order                <input type="checkbox"/> Other         </p>  | <p><b>3. ADDITIONAL FEES</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Fee Code</th> <th>Large Entity Fee (\$)</th> <th>Small Entity Fee Code</th> <th>Small Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>65</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet.</td><td></td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>147</td><td>2,520</td><td>147</td><td>2,520</td><td>For filing a request for reexamination</td><td></td></tr> <tr><td>112</td><td>920*</td><td>112</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>113</td><td>1,840*</td><td>113</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55</td><td>Extension for reply within first month</td><td></td></tr> <tr><td>116</td><td>390</td><td>216</td><td>195</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>117</td><td>890</td><td>217</td><td>445</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>118</td><td>1,390</td><td>218</td><td>695</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>128</td><td>1,890</td><td>228</td><td>945</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>119</td><td>310</td><td>219</td><td>155</td><td>Notice of Appeal</td><td></td></tr> <tr><td>120</td><td>310</td><td>220</td><td>155</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>121</td><td>270</td><td>221</td><td>135</td><td>Request for oral hearing</td><td></td></tr> <tr><td>138</td><td>1,510</td><td>138</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55</td><td>Petition to revive - unavoidable</td><td></td></tr> <tr><td>141</td><td>1,240</td><td>241</td><td>620</td><td>Petition to revive - unintentional</td><td></td></tr> <tr><td>142</td><td>1,240</td><td>242</td><td>620</td><td>Utility issue fee (or reissue)</td><td></td></tr> <tr><td>143</td><td>440</td><td>243</td><td>220</td><td>Design issue fee</td><td></td></tr> <tr><td>144</td><td>600</td><td>244</td><td>300</td><td>Plant issue fee</td><td></td></tr> <tr><td>122</td><td>130</td><td>122</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>123</td><td>130</td><td>123</td><td>130</td><td>Petitions related to provisional applications</td><td></td></tr> <tr><td>126</td><td>180</td><td>126</td><td>180</td><td>Submission of Information Disclosure Stmt</td><td></td></tr> <tr><td>581</td><td>40</td><td>581</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td>40</td></tr> <tr><td>146</td><td>710</td><td>246</td><td>355</td><td>Filing a submission after final rejection (37 CFR § 1.129(a))</td><td></td></tr> <tr><td>149</td><td>710</td><td>249</td><td>355</td><td>For each additional invention to be examined (37 CFR § 1.129(b))</td><td></td></tr> <tr><td>179</td><td>710</td><td>279</td><td>355</td><td>Request for Continued Examination (RCE)</td><td></td></tr> <tr><td>169</td><td>900</td><td>169</td><td>900</td><td>Request for expedited examination of a design application</td><td></td></tr> <tr><td colspan="5">Other fee (specify)</td><td></td></tr> <tr><td colspan="5">*Reduced by Basic Filing Fee Paid</td><td></td></tr> </tbody> </table> | Fee Code              | Large Entity Fee (\$) | Small Entity Fee Code  | Small Entity Fee (\$) | Fee Description | Fee Paid | 105 | 130 | 205 | 65                 | Surcharge - late filing fee or oath |     | 127 | 50  | 227 | 25                | Surcharge - late provisional filing fee or cover sheet. |     | 139 | 130 | 139 | 130              | Non-English specification |     | 147 | 2,520 | 147 | 2,520              | For filing a request for reexamination |     | 112 | 920* | 112 | 920*                   | Requesting publication of SIR prior to Examiner action |                     | 113 | 1,840* | 113 | 1,840* | Requesting publication of SIR after Examiner action |              | 115          | 110       | 215      | 55 | Extension for reply within first month |    | 116 | 390                   | 216      | 195 | Extension for reply within second month |                    | 117 | 890 | 217 | 445            | Extension for reply within third month |                | 118                   | 1,390           | 218      | 695 | Extension for reply within fourth month |     | 128 | 1,890                  | 228 | 945 | Extension for reply within fifth month |     | 119 | 310                               | 219 | 155 | Notice of Appeal |     | 120 | 310                                   | 220 | 155 | Filing a brief in support of an appeal |     | 121 | 270  | 221 | 135 | Request for oral hearing |     | 138 | 1,510  | 138 | 1,510               | Petition to institute a public use proceeding |  | 140 | 110 | 240             | 55   | Petition to revive - unavoidable |  | 141 | 1,240 | 241 | 620 | Petition to revive - unintentional |  | 142 | 1,240 | 242 | 620 | Utility issue fee (or reissue) |  | 143 | 440 | 243 | 220 | Design issue fee |  | 144 | 600 | 244 | 300 | Plant issue fee |  | 122 | 130 | 122 | 130 | Petitions to the Commissioner |  | 123 | 130 | 123 | 130 | Petitions related to provisional applications |  | 126 | 180 | 126 | 180 | Submission of Information Disclosure Stmt |  | 581 | 40 | 581 | 40 | Recording each patent assignment per property (times number of properties) | 40 | 146 | 710 | 246 | 355 | Filing a submission after final rejection (37 CFR § 1.129(a)) |  | 149 | 710 | 249 | 355 | For each additional invention to be examined (37 CFR § 1.129(b)) |  | 179 | 710 | 279 | 355 | Request for Continued Examination (RCE) |  | 169 | 900 | 169 | 900 | Request for expedited examination of a design application |  | Other fee (specify) |  |  |  |  |  | *Reduced by Basic Filing Fee Paid |  |  |  |  |  |
| Fee Code  | Large Entity Fee (\$)  | Small Entity Fee Code | Small Entity Fee (\$) | Fee Description  | Fee Paid              |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |                     |     |        |     |        |   |              |              |           |          |    |  |    |     |                       |          |     |   |                    |     |     |     |                |  |                |                       |                 |          |     |   |     |     |                        |     |     |  |     |     |                                   |     |     |                  |     |     |                                       |     |     |  |     |     |  |     |     |                          |     |     |  |     |                     |   |  |     |     |                 |  |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |     |     |     |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |  |                                   |  |  |  |  |  |
| 105   | 130  | 205                   | 65                    | Surcharge - late filing fee or oath  |                       |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |                     |     |        |     |        |   |              |              |           |          |    |  |    |     |                       |          |     |   |                    |     |     |     |                |  |                |                       |                 |          |     |   |     |     |                        |     |     |  |     |     |                                   |     |     |                  |     |     |                                       |     |     |  |     |     |  |     |     |                          |     |     |  |     |                     |   |  |     |     |                 |  |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |     |     |     |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |  |                                   |  |  |  |  |  |
| 127   | 50   | 227                   | 25                    | Surcharge - late provisional filing fee or cover sheet.                    |                       |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |                     |     |        |     |        |   |              |              |           |          |    |  |    |     |                       |          |     |   |                    |     |     |     |                |  |                |                       |                 |          |     |   |     |     |                        |     |     |  |     |     |                                   |     |     |                  |     |     |                                       |     |     |  |     |     |  |     |     |                          |     |     |  |     |                     |   |  |     |     |                 |  |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |     |     |     |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |  |                                   |  |  |  |  |  |
| 139   | 130  | 139                   | 130                   | Non-English specification  |                       |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |                     |     |        |     |        |   |              |              |           |          |    |  |    |     |                       |          |     |   |                    |     |     |     |                |  |                |                       |                 |          |     |   |     |     |                        |     |     |  |     |     |                                   |     |     |                  |     |     |                                       |     |     |  |     |     |  |     |     |                          |     |     |  |     |                     |   |  |     |     |                 |  |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |     |     |     |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |  |                                   |  |  |  |  |  |
| 147   | 2,520  | 147                   | 2,520                 | For filing a request for reexamination                                     |                       |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |                     |     |        |     |        |   |              |              |           |          |    |  |    |     |                       |          |     |   |                    |     |     |     |                |  |                |                       |                 |          |     |   |     |     |                        |     |     |  |     |     |                                   |     |     |                  |     |     |                                       |     |     |  |     |     |  |     |     |                          |     |     |  |     |                     |   |  |     |     |                 |  |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |     |     |     |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |  |                                   |  |  |  |  |  |
| 112   | 920*   | 112                   | 920*                  | Requesting publication of SIR prior to Examiner action                     |                       |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |                     |     |        |     |        |   |              |              |           |          |    |  |    |     |                       |          |     |   |                    |     |     |     |                |  |                |                       |                 |          |     |   |     |     |                        |     |     |  |     |     |                                   |     |     |                  |     |     |                                       |     |     |  |     |     |  |     |     |                          |     |     |  |     |                     |   |  |     |     |                 |  |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |     |     |     |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |  |                                   |  |  |  |  |  |
| 113   | 1,840*   | 113                   | 1,840*                | Requesting publication of SIR after Examiner action                        |                       |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |                     |     |        |     |        |   |              |              |           |          |    |  |    |     |                       |          |     |   |                    |     |     |     |                |  |                |                       |                 |          |     |   |     |     |                        |     |     |  |     |     |                                   |     |     |                  |     |     |                                       |     |     |  |     |     |  |     |     |                          |     |     |  |     |                     |   |  |     |     |                 |  |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |     |     |     |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |  |                                   |  |  |  |  |  |
| 115   | 110  | 215                   | 55                    | Extension for reply within first month                                     |                       |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |                     |     |        |     |        |   |              |              |           |          |    |  |    |     |                       |          |     |   |                    |     |     |     |                |  |                |                       |                 |          |     |   |     |     |                        |     |     |  |     |     |                                   |     |     |                  |     |     |                                       |     |     |  |     |     |  |     |     |                          |     |     |  |     |                     |   |  |     |     |                 |  |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |     |     |     |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |  |                                   |  |  |  |  |  |
| 116   | 390  | 216                   | 195                   | Extension for reply within second month                                    |                       |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |                     |     |        |     |        |   |              |              |           |          |    |  |    |     |                       |          |     |   |                    |     |     |     |                |  |                |                       |                 |          |     |   |     |     |                        |     |     |  |     |     |                                   |     |     |                  |     |     |                                       |     |     |  |     |     |  |     |     |                          |     |     |  |     |                     |   |  |     |     |                 |  |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |     |     |     |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |  |                                   |  |  |  |  |  |
| 117   | 890  | 217                   | 445                   | Extension for reply within third month                                     |                       |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |                     |     |        |     |        |   |              |              |           |          |    |  |    |     |                       |          |     |   |                    |     |     |     |                |  |                |                       |                 |          |     |   |     |     |                        |     |     |  |     |     |                                   |     |     |                  |     |     |                                       |     |     |  |     |     |  |     |     |                          |     |     |  |     |                     |   |  |     |     |                 |  |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |     |     |     |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |  |                                   |  |  |  |  |  |
| 118   | 1,390  | 218                   | 695                   | Extension for reply within fourth month                                    |                       |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |                     |     |        |     |        |   |              |              |           |          |    |  |    |     |                       |          |     |   |                    |     |     |     |                |  |                |                       |                 |          |     |   |     |     |                        |     |     |  |     |     |                                   |     |     |                  |     |     |                                       |     |     |  |     |     |  |     |     |                          |     |     |  |     |                     |   |  |     |     |                 |  |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |     |     |     |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |  |                                   |  |  |  |  |  |
| 128   | 1,890  | 228                   | 945                   | Extension for reply within fifth month                                     |                       |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |                     |     |        |     |        |   |              |              |           |          |    |  |    |     |                       |          |     |   |                    |     |     |     |                |  |                |                       |                 |          |     |   |     |     |                        |     |     |  |     |     |                                   |     |     |                  |     |     |                                       |     |     |  |     |     |  |     |     |                          |     |     |  |     |                     |   |  |     |     |                 |  |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |     |     |     |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |  |                                   |  |  |  |  |  |
| 119   | 310  | 219                   | 155                   | Notice of Appeal   |                       |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |                     |     |        |     |        |   |              |              |           |          |    |  |    |     |                       |          |     |   |                    |     |     |     |                |  |                |                       |                 |          |     |   |     |     |                        |     |     |  |     |     |                                   |     |     |                  |     |     |                                       |     |     |  |     |     |  |     |     |                          |     |     |  |     |                     |   |  |     |     |                 |  |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |     |     |     |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |  |                                   |  |  |  |  |  |
| 120   | 310  | 220                   | 155                   | Filing a brief in support of an appeal                                     |                       |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |                     |     |        |     |        |   |              |              |           |          |    |  |    |     |                       |          |     |   |                    |     |     |     |                |  |                |                       |                 |          |     |   |     |     |                        |     |     |  |     |     |                                   |     |     |                  |     |     |                                       |     |     |  |     |     |  |     |     |                          |     |     |  |     |                     |   |  |     |     |                 |  |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |     |     |     |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |  |                                   |  |  |  |  |  |
| 121   | 270  | 221                   | 135                   | Request for oral hearing   |                       |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |                     |     |        |     |        |   |              |              |           |          |    |  |    |     |                       |          |     |   |                    |     |     |     |                |  |                |                       |                 |          |     |   |     |     |                        |     |     |  |     |     |                                   |     |     |                  |     |     |                                       |     |     |  |     |     |  |     |     |                          |     |     |  |     |                     |   |  |     |     |                 |  |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |     |     |     |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |  |                                   |  |  |  |  |  |
| 138   | 1,510  | 138                   | 1,510                 | Petition to institute a public use proceeding                              |                       |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |                     |     |        |     |        |   |              |              |           |          |    |  |    |     |                       |          |     |   |                    |     |     |     |                |  |                |                       |                 |          |     |   |     |     |                        |     |     |  |     |     |                                   |     |     |                  |     |     |                                       |     |     |  |     |     |  |     |     |                          |     |     |  |     |                     |   |  |     |     |                 |  |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |     |     |     |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |  |                                   |  |  |  |  |  |
| 140   | 110  | 240                   | 55                    | Petition to revive - unavoidable   |                       |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |                     |     |        |     |        |   |              |              |           |          |    |  |    |     |                       |          |     |   |                    |     |     |     |                |  |                |                       |                 |          |     |   |     |     |                        |     |     |  |     |     |                                   |     |     |                  |     |     |                                       |     |     |  |     |     |  |     |     |                          |     |     |  |     |                     |   |  |     |     |                 |  |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |     |     |     |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |  |                                   |  |  |  |  |  |
| 141   | 1,240  | 241                   | 620                   | Petition to revive - unintentional   |                       |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |                     |     |        |     |        |   |              |              |           |          |    |  |    |     |                       |          |     |   |                    |     |     |     |                |  |                |                       |                 |          |     |   |     |     |                        |     |     |  |     |     |                                   |     |     |                  |     |     |                                       |     |     |  |     |     |  |     |     |                          |     |     |  |     |                     |   |  |     |     |                 |  |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |     |     |     |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |  |                                   |  |  |  |  |  |
| 142   | 1,240  | 242                   | 620                   | Utility issue fee (or reissue)   |                       |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |                     |     |        |     |        |   |              |              |           |          |    |  |    |     |                       |          |     |   |                    |     |     |     |                |  |                |                       |                 |          |     |   |     |     |                        |     |     |  |     |     |                                   |     |     |                  |     |     |                                       |     |     |  |     |     |  |     |     |                          |     |     |  |     |                     |   |  |     |     |                 |  |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |     |     |     |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |  |                                   |  |  |  |  |  |
| 143   | 440  | 243                   | 220                   | Design issue fee   |                       |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |                     |     |        |     |        |   |              |              |           |          |    |  |    |     |                       |          |     |   |                    |     |     |     |                |  |                |                       |                 |          |     |   |     |     |                        |     |     |  |     |     |                                   |     |     |                  |     |     |                                       |     |     |  |     |     |  |     |     |                          |     |     |  |     |                     |   |  |     |     |                 |  |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |     |     |     |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |  |                                   |  |  |  |  |  |
| 144   | 600  | 244                   | 300                   | Plant issue fee  |                       |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |                     |     |        |     |        |   |              |              |           |          |    |  |    |     |                       |          |     |   |                    |     |     |     |                |  |                |                       |                 |          |     |   |     |     |                        |     |     |  |     |     |                                   |     |     |                  |     |     |                                       |     |     |  |     |     |  |     |     |                          |     |     |  |     |                     |   |  |     |     |                 |  |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |     |     |     |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |  |                                   |  |  |  |  |  |
| 122   | 130  | 122                   | 130                   | Petitions to the Commissioner  |                       |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |                     |     |        |     |        |   |              |              |           |          |    |  |    |     |                       |          |     |   |                    |     |     |     |                |  |                |                       |                 |          |     |   |     |     |                        |     |     |  |     |     |                                   |     |     |                  |     |     |                                       |     |     |  |     |     |  |     |     |                          |     |     |  |     |                     |   |  |     |     |                 |  |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |     |     |     |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |  |                                   |  |  |  |  |  |
| 123   | 130  | 123                   | 130                   | Petitions related to provisional applications                              |                       |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |                     |     |        |     |        |   |              |              |           |          |    |  |    |     |                       |          |     |   |                    |     |     |     |                |  |                |                       |                 |          |     |   |     |     |                        |     |     |  |     |     |                                   |     |     |                  |     |     |                                       |     |     |  |     |     |  |     |     |                          |     |     |  |     |                     |   |  |     |     |                 |  |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |     |     |     |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |  |                                   |  |  |  |  |  |
| 126   | 180  | 126                   | 180                   | Submission of Information Disclosure Stmt                                  |                       |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |                     |     |        |     |        |   |              |              |           |          |    |  |    |     |                       |          |     |   |                    |     |     |     |                |  |                |                       |                 |          |     |   |     |     |                        |     |     |  |     |     |                                   |     |     |                  |     |     |                                       |     |     |  |     |     |  |     |     |                          |     |     |  |     |                     |   |  |     |     |                 |  |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |     |     |     |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |  |                                   |  |  |  |  |  |
| 581   | 40   | 581                   | 40                    | Recording each patent assignment per property (times number of properties) | 40                    |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |                     |     |        |     |        |   |              |              |           |          |    |  |    |     |                       |          |     |   |                    |     |     |     |                |  |                |                       |                 |          |     |   |     |     |                        |     |     |  |     |     |                                   |     |     |                  |     |     |                                       |     |     |  |     |     |  |     |     |                          |     |     |  |     |                     |   |  |     |     |                 |  |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |     |     |     |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |  |                                   |  |  |  |  |  |
| 146   | 710  | 246                   | 355                   | Filing a submission after final rejection (37 CFR § 1.129(a))              |                       |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |                     |     |        |     |        |   |              |              |           |          |    |  |    |     |                       |          |     |   |                    |     |     |     |                |  |                |                       |                 |          |     |   |     |     |                        |     |     |  |     |     |                                   |     |     |                  |     |     |                                       |     |     |  |     |     |  |     |     |                          |     |     |  |     |                     |   |  |     |     |                 |  |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |     |     |     |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |  |                                   |  |  |  |  |  |
| 149   | 710  | 249                   | 355                   | For each additional invention to be examined (37 CFR § 1.129(b))           |                       |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |                     |     |        |     |        |   |              |              |           |          |    |  |    |     |                       |          |     |   |                    |     |     |     |                |  |                |                       |                 |          |     |   |     |     |                        |     |     |  |     |     |                                   |     |     |                  |     |     |                                       |     |     |  |     |     |  |     |     |                          |     |     |  |     |                     |   |  |     |     |                 |  |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |     |     |     |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |  |                                   |  |  |  |  |  |
| 179   | 710  | 279                   | 355                   | Request for Continued Examination (RCE)                                    |                       |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |                     |     |        |     |        |   |              |              |           |          |    |  |    |     |                       |          |     |   |                    |     |     |     |                |  |                |                       |                 |          |     |   |     |     |                        |     |     |  |     |     |                                   |     |     |                  |     |     |                                       |     |     |  |     |     |  |     |     |                          |     |     |  |     |                     |   |  |     |     |                 |  |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |     |     |     |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |  |                                   |  |  |  |  |  |
| 169   | 900  | 169                   | 900                   | Request for expedited examination of a design application                  |                       |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |                     |     |        |     |        |   |              |              |           |          |    |  |    |     |                       |          |     |   |                    |     |     |     |                |  |                |                       |                 |          |     |   |     |     |                        |     |     |  |     |     |                                   |     |     |                  |     |     |                                       |     |     |  |     |     |  |     |     |                          |     |     |  |     |                     |   |  |     |     |                 |  |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |     |     |     |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |  |                                   |  |  |  |  |  |
| Other fee (specify)   |  |                       |                       |  |                       |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |                     |     |        |     |        |   |              |              |           |          |    |  |    |     |                       |          |     |   |                    |     |     |     |                |  |                |                       |                 |          |     |   |     |     |                        |     |     |  |     |     |                                   |     |     |                  |     |     |                                       |     |     |  |     |     |  |     |     |                          |     |     |  |     |                     |   |  |     |     |                 |  |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |     |     |     |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |  |                                   |  |  |  |  |  |
| *Reduced by Basic Filing Fee Paid   |  |                       |                       |  |                       |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |                     |     |        |     |        |   |              |              |           |          |    |  |    |     |                       |          |     |   |                    |     |     |     |                |  |                |                       |                 |          |     |   |     |     |                        |     |     |  |     |     |                                   |     |     |                  |     |     |                                       |     |     |  |     |     |  |     |     |                          |     |     |  |     |                     |   |  |     |     |                 |  |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |     |     |     |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |  |                                   |  |  |  |  |  |
| <p><b>FEE CALCULATION</b></p> <p>1. BASIC FILING FEE</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Large Fee Code</th> <th>Large Entity Fee (\$)</th> <th>Small Fee Code</th> <th>Small Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>101</td><td>710</td><td>201</td><td>355</td><td>Utility filing fee</td><td>710</td></tr> <tr><td>106</td><td>320</td><td>206</td><td>160</td><td>Design filing fee</td><td></td></tr> <tr><td>107</td><td>490</td><td>207</td><td>245</td><td>Plant filing fee</td><td></td></tr> <tr><td>108</td><td>710</td><td>208</td><td>355</td><td>Reissue filing fee</td><td></td></tr> <tr><td>114</td><td>150</td><td>214</td><td>75</td><td>Provisional filing fee</td><td></td></tr> <tr><td colspan="5" style="text-align: right;"><b>SUBTOTAL (1)</b></td><td><b>(\$ 710)</b></td></tr> </tbody> </table> <p>2. EXTRA CLAIM FEES</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Total Claims</th> <th>Extra Claims</th> <th>Fee below</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>52</td> <td>-20** = 32</td> <td>18</td> <td>576</td> </tr> <tr> <td>Independent Claims: 3</td> <td>-3** = 0</td> <td></td> <td>0</td> </tr> <tr> <td>Multiple Dependent</td> <td></td> <td></td> <td>0</td> </tr> </tbody> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Large Fee Code</th> <th>Large Entity Fee (\$)</th> <th>Small Fee Code</th> <th>Small Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>103</td><td>18</td><td>203</td><td>9</td><td>Claims in excess of 20</td><td></td></tr> <tr><td>102</td><td>80</td><td>202</td><td>40</td><td>Independent claims in excess of 3</td><td></td></tr> <tr><td>104</td><td>270</td><td>204</td><td>135</td><td>Multiple dependent claim, if not paid</td><td></td></tr> <tr><td>109</td><td>80</td><td>209</td><td>40</td><td>** Reissue independent claims over original patent</td><td></td></tr> <tr><td>110</td><td>18</td><td>210</td><td>9</td><td>** Reissue claims in excess of 20 and over original patent</td><td></td></tr> <tr><td colspan="5" style="text-align: right;"><b>SUBTOTAL (2)</b></td><td><b>(\$ 576)</b></td></tr> </tbody> </table> | Large Fee Code   | Large Entity Fee (\$) | Small Fee Code        | Small Entity Fee (\$)  | Fee Description       | Fee Paid        | 101      | 710 | 201 | 355 | Utility filing fee | 710                                 | 106 | 320 | 206 | 160 | Design filing fee |   | 107 | 490 | 207 | 245 | Plant filing fee |                           | 108 | 710 | 208   | 355 | Reissue filing fee |  | 114 | 150 | 214  | 75  | Provisional filing fee |  | <b>SUBTOTAL (1)</b> |     |        |     |        | <b>(\$ 710)</b>                                     | Total Claims | Extra Claims | Fee below | Fee Paid | 52 | -20** = 32                             | 18 | 576 | Independent Claims: 3 | -3** = 0 |     | 0                                       | Multiple Dependent |     |     | 0   | Large Fee Code | Large Entity Fee (\$)                  | Small Fee Code | Small Entity Fee (\$) | Fee Description | Fee Paid | 103 | 18                                      | 203 | 9   | Claims in excess of 20 |     | 102 | 80                                     | 202 | 40  | Independent claims in excess of 3 |     | 104 | 270              | 204 | 135 | Multiple dependent claim, if not paid |     | 109 | 80                                     | 209 | 40  | ** Reissue independent claims over original patent |     | 110 | 18                       | 210 | 9   | ** Reissue claims in excess of 20 and over original patent |     | <b>SUBTOTAL (2)</b> |   |  |     |     | <b>(\$ 576)</b> | <p><b>SUBTOTAL (3)</b></p> <p><b>(\$ 40)</b></p> |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |     |     |     |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |  |                                   |  |  |  |  |  |
| Large Fee Code  | Large Entity Fee (\$)  | Small Fee Code        | Small Entity Fee (\$) | Fee Description  | Fee Paid              |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |                     |     |        |     |        |   |              |              |           |          |    |  |    |     |                       |          |     |   |                    |     |     |     |                |  |                |                       |                 |          |     |   |     |     |                        |     |     |  |     |     |                                   |     |     |                  |     |     |                                       |     |     |  |     |     |  |     |     |                          |     |     |  |     |                     |   |  |     |     |                 |  |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |     |     |     |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |  |                                   |  |  |  |  |  |
| 101   | 710  | 201                   | 355                   | Utility filing fee   | 710                   |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |                     |     |        |     |        |   |              |              |           |          |    |  |    |     |                       |          |     |   |                    |     |     |     |                |  |                |                       |                 |          |     |   |     |     |                        |     |     |  |     |     |                                   |     |     |                  |     |     |                                       |     |     |  |     |     |  |     |     |                          |     |     |  |     |                     |   |  |     |     |                 |  |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |     |     |     |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |  |                                   |  |  |  |  |  |
| 106   | 320  | 206                   | 160                   | Design filing fee  |                       |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |                     |     |        |     |        |   |              |              |           |          |    |  |    |     |                       |          |     |   |                    |     |     |     |                |  |                |                       |                 |          |     |   |     |     |                        |     |     |  |     |     |                                   |     |     |                  |     |     |                                       |     |     |  |     |     |  |     |     |                          |     |     |  |     |                     |   |  |     |     |                 |  |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |     |     |     |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |  |                                   |  |  |  |  |  |
| 107   | 490  | 207                   | 245                   | Plant filing fee   |                       |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |                     |     |        |     |        |   |              |              |           |          |    |  |    |     |                       |          |     |   |                    |     |     |     |                |  |                |                       |                 |          |     |   |     |     |                        |     |     |  |     |     |                                   |     |     |                  |     |     |                                       |     |     |  |     |     |  |     |     |                          |     |     |  |     |                     |   |  |     |     |                 |  |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |     |     |     |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |  |                                   |  |  |  |  |  |
| 108   | 710  | 208                   | 355                   | Reissue filing fee   |                       |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |                     |     |        |     |        |   |              |              |           |          |    |  |    |     |                       |          |     |   |                    |     |     |     |                |  |                |                       |                 |          |     |   |     |     |                        |     |     |  |     |     |                                   |     |     |                  |     |     |                                       |     |     |  |     |     |  |     |     |                          |     |     |  |     |                     |   |  |     |     |                 |  |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |     |     |     |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |  |                                   |  |  |  |  |  |
| 114   | 150  | 214                   | 75                    | Provisional filing fee   |                       |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |                     |     |        |     |        |   |              |              |           |          |    |  |    |     |                       |          |     |   |                    |     |     |     |                |  |                |                       |                 |          |     |   |     |     |                        |     |     |  |     |     |                                   |     |     |                  |     |     |                                       |     |     |  |     |     |  |     |     |                          |     |     |  |     |                     |   |  |     |     |                 |  |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |     |     |     |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |  |                                   |  |  |  |  |  |
| <b>SUBTOTAL (1)</b>   |  |                       |                       |  | <b>(\$ 710)</b>       |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |                     |     |        |     |        |   |              |              |           |          |    |  |    |     |                       |          |     |   |                    |     |     |     |                |  |                |                       |                 |          |     |   |     |     |                        |     |     |  |     |     |                                   |     |     |                  |     |     |                                       |     |     |  |     |     |  |     |     |                          |     |     |  |     |                     |   |  |     |     |                 |  |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |     |     |     |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |  |                                   |  |  |  |  |  |
| Total Claims  | Extra Claims   | Fee below             | Fee Paid              |  |                       |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |                     |     |        |     |        |   |              |              |           |          |    |  |    |     |                       |          |     |   |                    |     |     |     |                |  |                |                       |                 |          |     |   |     |     |                        |     |     |  |     |     |                                   |     |     |                  |     |     |                                       |     |     |  |     |     |  |     |     |                          |     |     |  |     |                     |   |  |     |     |                 |  |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |     |     |     |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |  |                                   |  |  |  |  |  |
| 52  | -20** = 32   | 18                    | 576                   |  |                       |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |                     |     |        |     |        |   |              |              |           |          |    |  |    |     |                       |          |     |   |                    |     |     |     |                |  |                |                       |                 |          |     |   |     |     |                        |     |     |  |     |     |                                   |     |     |                  |     |     |                                       |     |     |  |     |     |  |     |     |                          |     |     |  |     |                     |   |  |     |     |                 |  |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |     |     |     |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |  |                                   |  |  |  |  |  |
| Independent Claims: 3   | -3** = 0   |                       | 0                     |  |                       |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |                     |     |        |     |        |   |              |              |           |          |    |  |    |     |                       |          |     |   |                    |     |     |     |                |  |                |                       |                 |          |     |   |     |     |                        |     |     |  |     |     |                                   |     |     |                  |     |     |                                       |     |     |  |     |     |  |     |     |                          |     |     |  |     |                     |   |  |     |     |                 |  |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |     |     |     |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |  |                                   |  |  |  |  |  |
| Multiple Dependent  |  |                       | 0                     |  |                       |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |                     |     |        |     |        |   |              |              |           |          |    |  |    |     |                       |          |     |   |                    |     |     |     |                |  |                |                       |                 |          |     |   |     |     |                        |     |     |  |     |     |                                   |     |     |                  |     |     |                                       |     |     |  |     |     |  |     |     |                          |     |     |  |     |                     |   |  |     |     |                 |  |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |     |     |     |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |  |                                   |  |  |  |  |  |
| Large Fee Code  | Large Entity Fee (\$)  | Small Fee Code        | Small Entity Fee (\$) | Fee Description  | Fee Paid              |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |                     |     |        |     |        |   |              |              |           |          |    |  |    |     |                       |          |     |   |                    |     |     |     |                |  |                |                       |                 |          |     |   |     |     |                        |     |     |  |     |     |                                   |     |     |                  |     |     |                                       |     |     |  |     |     |  |     |     |                          |     |     |  |     |                     |   |  |     |     |                 |  |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |     |     |     |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |  |                                   |  |  |  |  |  |
| 103   | 18   | 203                   | 9                     | Claims in excess of 20   |                       |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |                     |     |        |     |        |   |              |              |           |          |    |  |    |     |                       |          |     |   |                    |     |     |     |                |  |                |                       |                 |          |     |   |     |     |                        |     |     |  |     |     |                                   |     |     |                  |     |     |                                       |     |     |  |     |     |  |     |     |                          |     |     |  |     |                     |   |  |     |     |                 |  |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |     |     |     |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |  |                                   |  |  |  |  |  |
| 102   | 80   | 202                   | 40                    | Independent claims in excess of 3  |                       |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |                     |     |        |     |        |   |              |              |           |          |    |  |    |     |                       |          |     |   |                    |     |     |     |                |  |                |                       |                 |          |     |   |     |     |                        |     |     |  |     |     |                                   |     |     |                  |     |     |                                       |     |     |  |     |     |  |     |     |                          |     |     |  |     |                     |   |  |     |     |                 |  |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |     |     |     |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |  |                                   |  |  |  |  |  |
| 104   | 270  | 204                   | 135                   | Multiple dependent claim, if not paid                                      |                       |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |                     |     |        |     |        |   |              |              |           |          |    |  |    |     |                       |          |     |   |                    |     |     |     |                |  |                |                       |                 |          |     |   |     |     |                        |     |     |  |     |     |                                   |     |     |                  |     |     |                                       |     |     |  |     |     |  |     |     |                          |     |     |  |     |                     |   |  |     |     |                 |  |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |     |     |     |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |  |                                   |  |  |  |  |  |
| 109   | 80   | 209                   | 40                    | ** Reissue independent claims over original patent                         |                       |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |                     |     |        |     |        |   |              |              |           |          |    |  |    |     |                       |          |     |   |                    |     |     |     |                |  |                |                       |                 |          |     |   |     |     |                        |     |     |  |     |     |                                   |     |     |                  |     |     |                                       |     |     |  |     |     |  |     |     |                          |     |     |  |     |                     |   |  |     |     |                 |  |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |     |     |     |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |  |                                   |  |  |  |  |  |
| 110   | 18   | 210                   | 9                     | ** Reissue claims in excess of 20 and over original patent                 |                       |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |                     |     |        |     |        |   |              |              |           |          |    |  |    |     |                       |          |     |   |                    |     |     |     |                |  |                |                       |                 |          |     |   |     |     |                        |     |     |  |     |     |                                   |     |     |                  |     |     |                                       |     |     |  |     |     |  |     |     |                          |     |     |  |     |                     |   |  |     |     |                 |  |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |     |     |     |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |  |                                   |  |  |  |  |  |
| <b>SUBTOTAL (2)</b>   |  |                       |                       |  | <b>(\$ 576)</b>       |                 |          |     |     |     |                    |                                     |     |     |     |     |                   |   |     |     |     |     |                  |                           |     |     |       |     |                    |  |     |     |      |     |                        |  |                     |     |        |     |        |   |              |              |           |          |    |  |    |     |                       |          |     |   |                    |     |     |     |                |  |                |                       |                 |          |     |   |     |     |                        |     |     |  |     |     |                                   |     |     |                  |     |     |                                       |     |     |  |     |     |  |     |     |                          |     |     |  |     |                     |   |  |     |     |                 |  |                                  |  |     |       |     |     |                                    |  |     |       |     |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |     |     |     |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |                     |  |  |  |  |  |                                   |  |  |  |  |  |

\*\*or number previously paid, if greater; For Reissues, see above

| SUBMITTED BY      |                     |                                  | Complete (if applicable) |           |               |
|-------------------|---------------------|----------------------------------|--------------------------|-----------|---------------|
| Name (Print/Type) | Michael A. Schwartz | Registration No. Attorney/Agent) | 40,161                   | Telephone | 202 424-7500  |
| Signature         |                     |                                  |                          | Date      | July 27, 2001 |

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**REQUEST AND CERTIFICATION  
UNDER  
35 U.S.C. 122(b)(2)(B)(I)**

|                      |  |
|----------------------|--|
| First Named Inventor | Mark HORNICK                                     |
| Title                | DATA MINING APPLICATION PROGRAMMING<br>INTERFACE |
| Atty Docket Number   | 19111.0012                                       |

I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).

July 27, 2001

Date

*Michael A. Schwartz*

Signature

Michael A. Schwartz, Reg. No. 40,161

Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**

750-035-0000